Claims

What is claimed is:

1   1.   An information processing system, comprising:

2   a first computing device for:

3   from a second computing device, receiving a first information packet, the second

4   computing device receiving the first information packet from a global computer network through

5   a first router device;

6   outputting a second information packet to the global computer network through a second

7   router device, such that the second information packet bypasses the first router device.

2.   The system of Claim 1 wherein the first computing device is for outputting the second information packet to the global computer network through a local area network and the second router device.

3.   The system of Claim 2 wherein the local area network is a first local area network, and wherein the second computing device receives the first information packet from the global computer network through a second local area network and the first router.

4.   The system of Claim 3 wherein the first computing device is for receiving the first information packet from the second computing device through a third local area network.

1   5.   The system of Claim 1 wherein the first computing device is for receiving a third

2   information packet from the global computer network through the first router device.

1   6.   The system of Claim 5 wherein the first computing device is for coupling to the

2   second computing device through a local area network that is coupled to the first router device.

1   7.   The system of Claim 6 wherein the local area network is a first local area network,

2   and wherein the first computing device is for receiving the first information packet from the

3   second computing device through a second local area network.

1   8.   The system of Claim 1 wherein the first computing device is a network interface

2   card

1   9.   The system of Claim 1 wherein the first information packet originates from a

2   client, and wherein the second computing device is coupled through the first router device and the

3   global computer network to the client.

1   10.   The system of Claim 9 wherein the second information packet includes the first

2   information packet and a reference to a data structure of a connection with the client.

1   11.   A method performed by a first computing device of an information processing

2   system, the method comprising:

3   from a second computing device, receiving a first information packet, the second

4   computing device receiving the first information packet from a global computer network through

5   a first router device;

6   outputting a second information packet to the global computer network through a second

7   router device, such that the second information packet bypasses the first router device.

1   12.   The method of Claim 11 wherein the method comprises:

2   outputting the second information packet to the global computer network through a local

3   area network and the second router device.

1   13.   The method of Claim 12 wherein the local area network is a first local area

2   network, and wherein the second computing device receives the first information packet from the

3   global computer network through a second local area network and the first router.

1   14.   The method of Claim 13 wherein the method comprises:

2   receiving the first information packet from the second computing device through a third

3   local area network.

1   15.   The method of Claim 11 wherein the method comprises:

2   receiving a third information packet from the global computer network through the first

3   router device.

1   16.   The method of Claim 15 wherein the method comprises:

2   coupling to the second computing device through a local area network that is coupled to

3   the first router device.

1   17.   The method of Claim 16 wherein the local area network is a first local area

2   network, and wherein the method comprises:

3   receiving the first information packet from the second computing device through a second

4   local area network.

1   18.   The method of Claim 11 wherein the first computing device is a network interface

2   card

1   19.   The method of Claim 11 wherein the first information packet originates from a

2   client, and wherein the second computing device is coupled through the first router device and the

3   global computer network to the client.

       20.   The method of Claim 19 wherein the second information packet includes the first

information packet and a reference to a data structure of a connection with the client.